OIPE JC105
AUG 0 6 2004
PATENT & TRADEMARK OFFICE

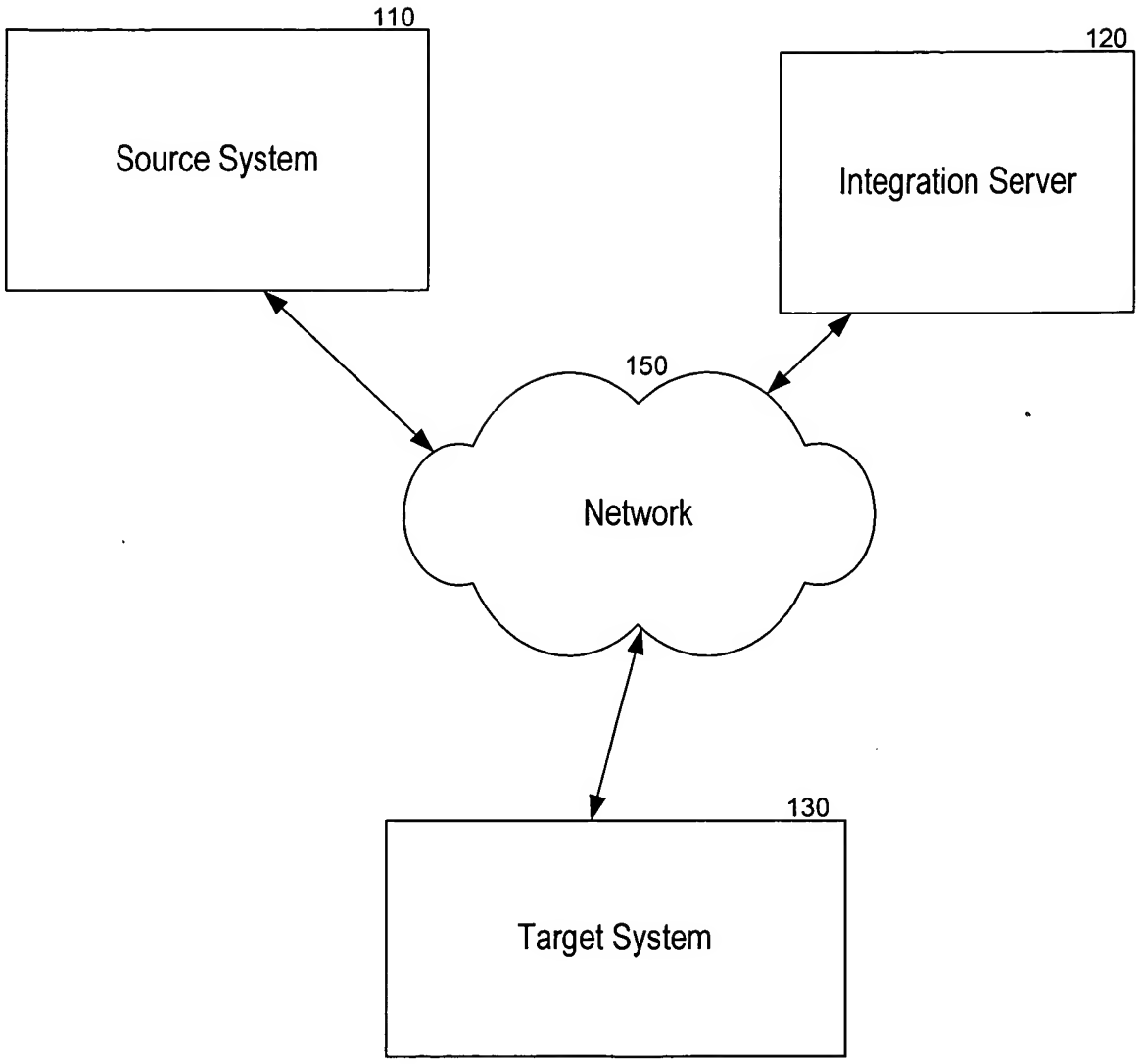

FIG. 1A

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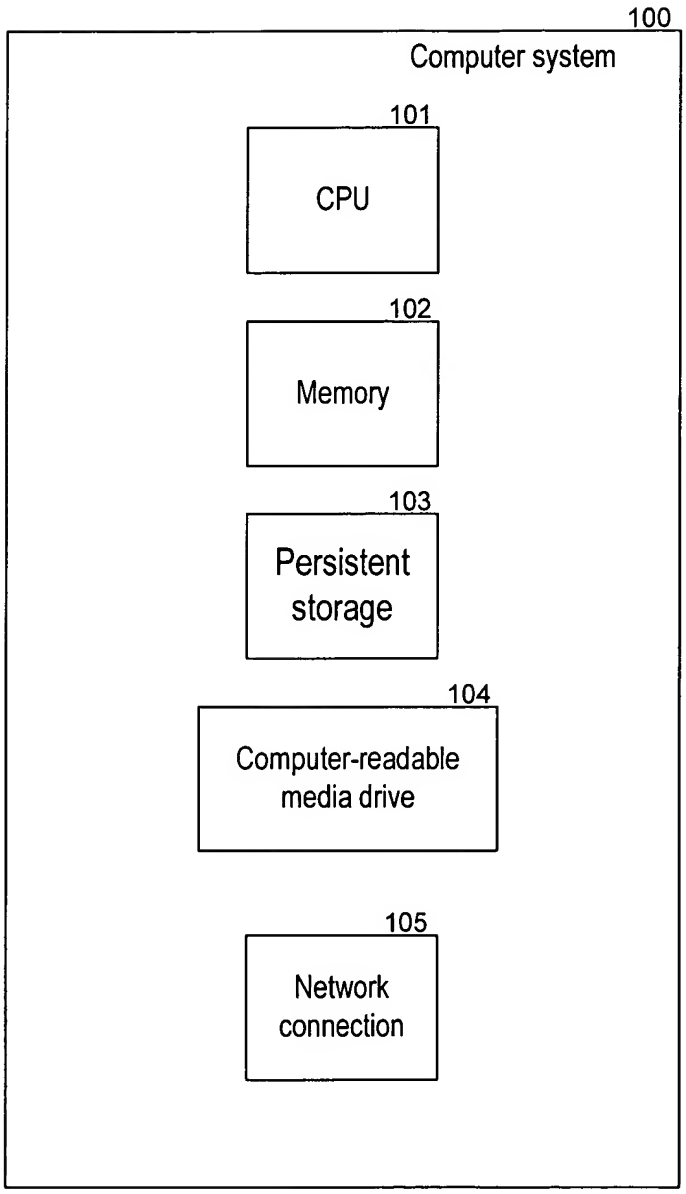

FIG. 1B

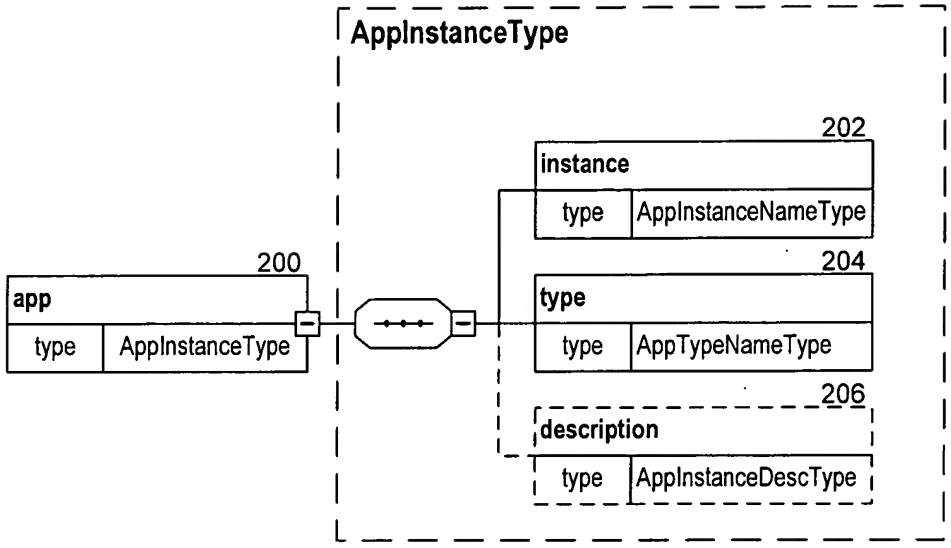
AppInstanceType
202
instance
type
AppInstanceNameType
200
204
app
type
AppInstanceType
type
type
AppTypeNameType
206
description
type
AppInstanceDescType

FIG. 2

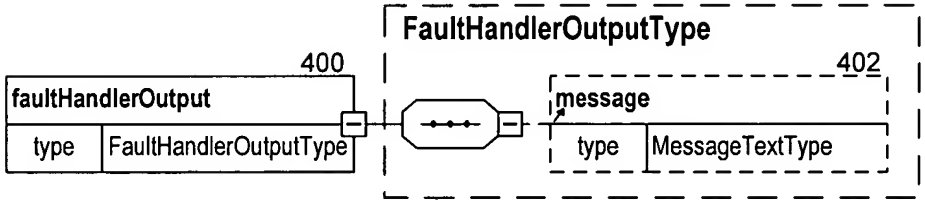
FaultHandlerOutputType
400
402
faultHandlerOutput
message
type
FaultHandlerOutputType
type
MessageTextType

FIG. 4

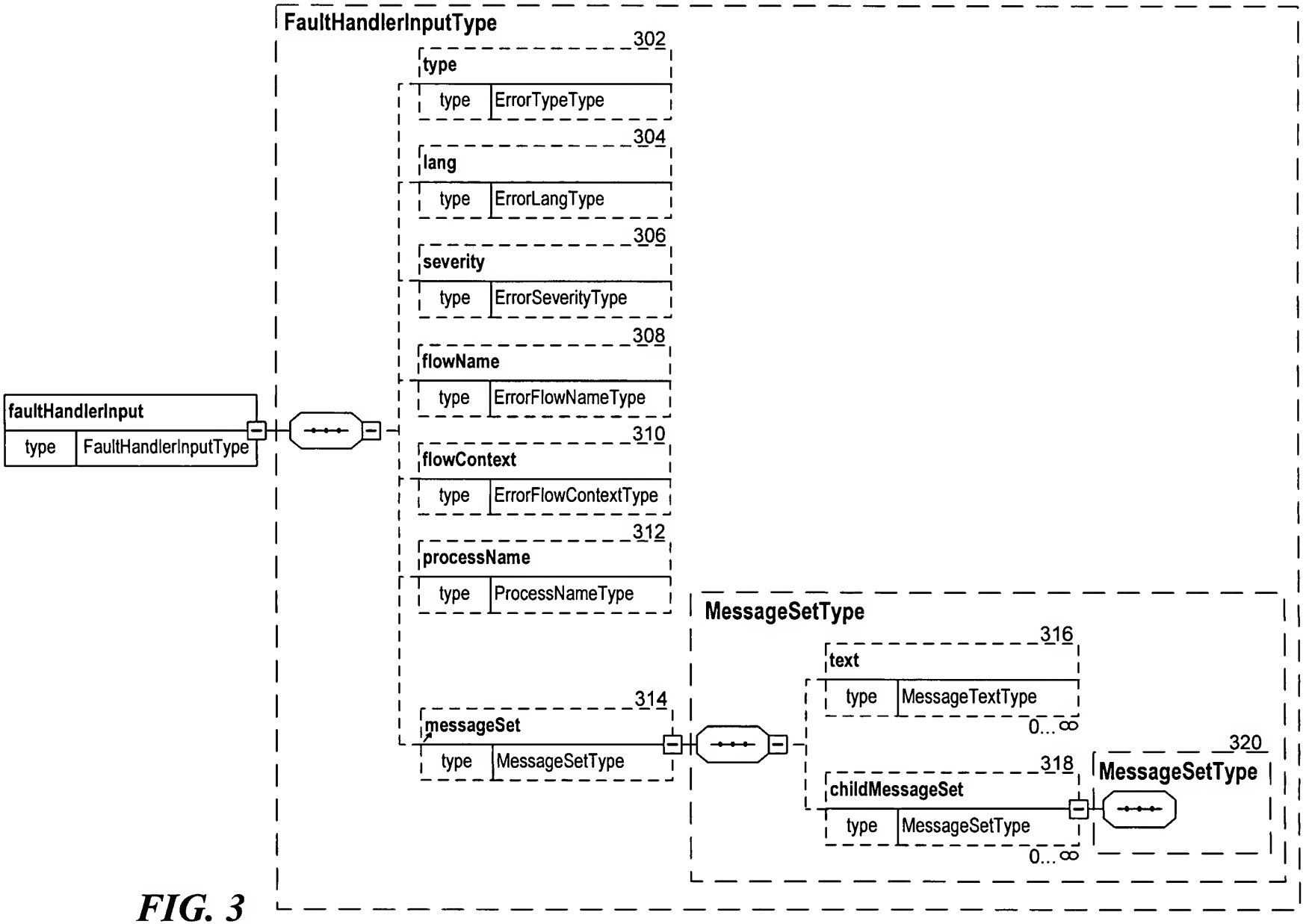
FaultHandlerInputType
302
type
type
ErrorTypeType
304
lang
type
ErrorLangType
306
severity
type
ErrorSeverityType
308
flowName
type
ErrorFlowNameType
310
flowContext
type
ErrorFlowContextType
312
processName
type
ProcessNameType
faultHandlerInput
type
FaultHandlerInputType
314
messageSet
type
MessageSetType
MessageSetType
316
text
type
MessageTextType
0...∞
318
childMessageSet
type
MessageSetType
0...∞
320
MessageSetType

FIG. 3

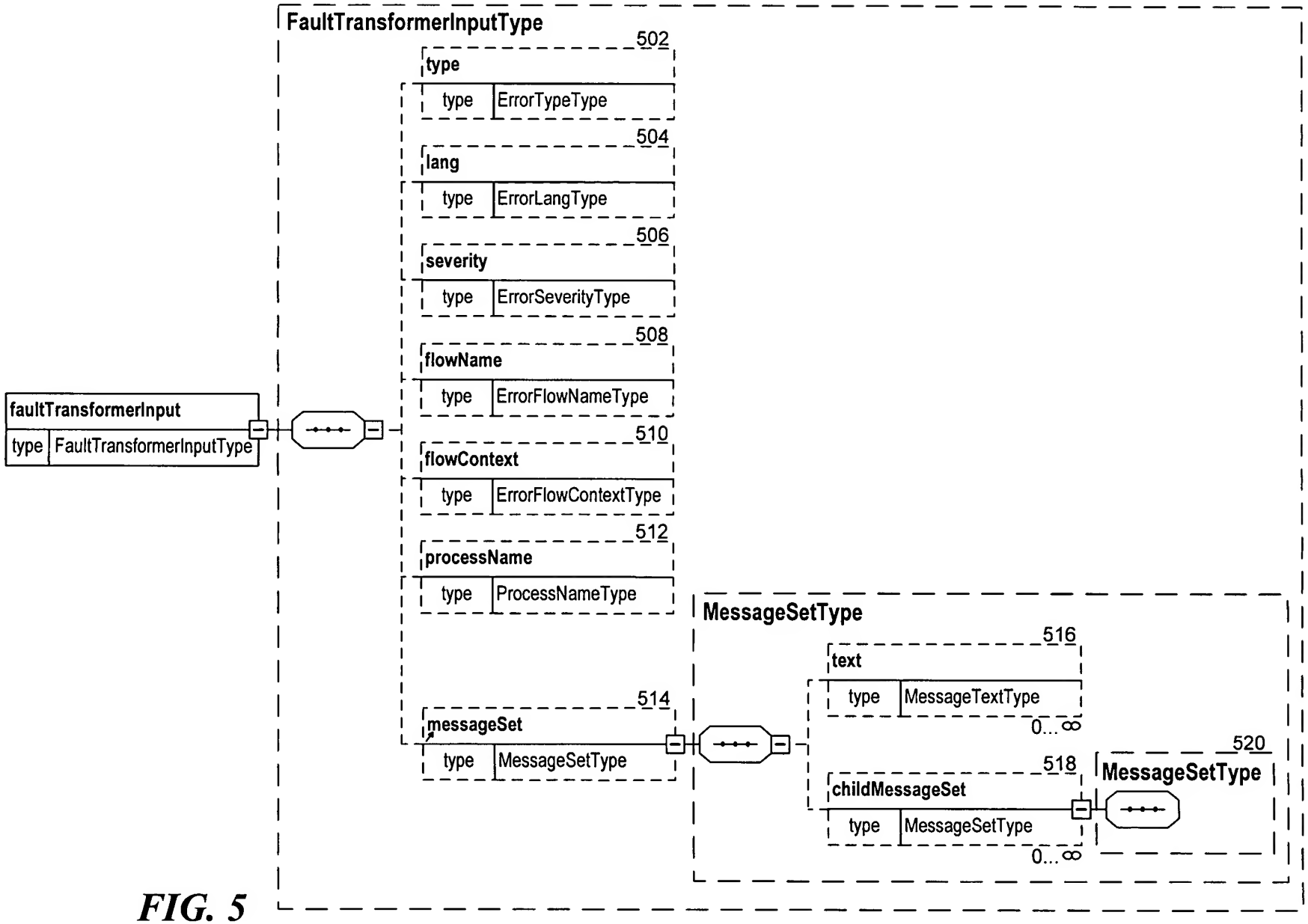
FaultTransformerInputType
502
type
type
ErrorTypeType
504
lang
type
ErrorLangType
506
severity
type
ErrorSeverityType
508
flowName
type
ErrorFlowNameType
510
flowContext
type
ErrorFlowContextType
512
processName
type
ProcessNameType
514
messageSet
type
MessageSetType
faultTransformerInput
type
FaultTransformerInputType
MessageSetType
516
text
type
MessageTextType
0...∞
518
childMessageSet
type
MessageSetType
0...∞
520
MessageSetType

FIG. 5

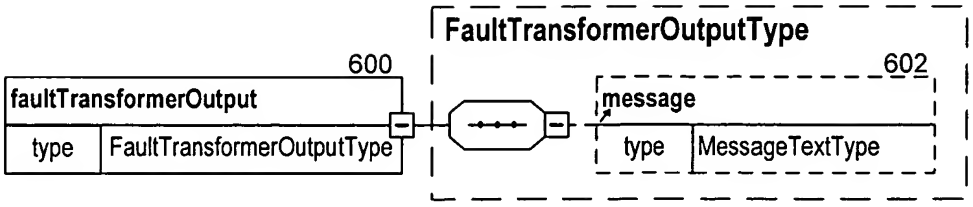

FIG. 6

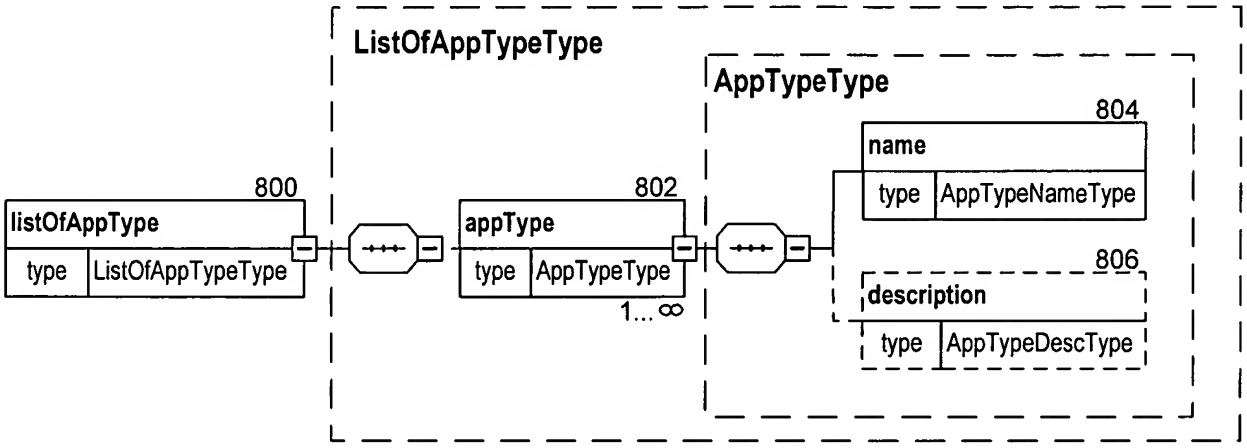

FIG. 8

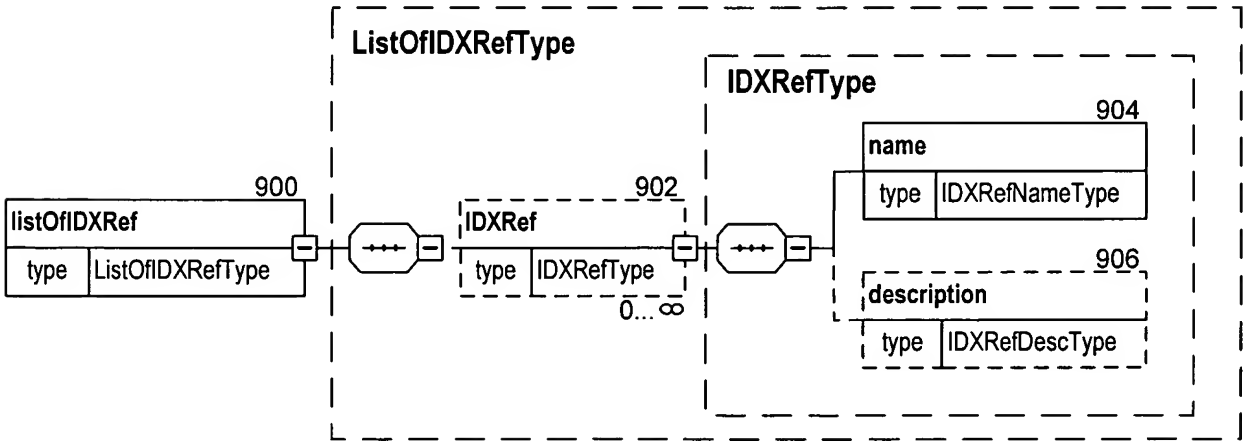

FIG. 9

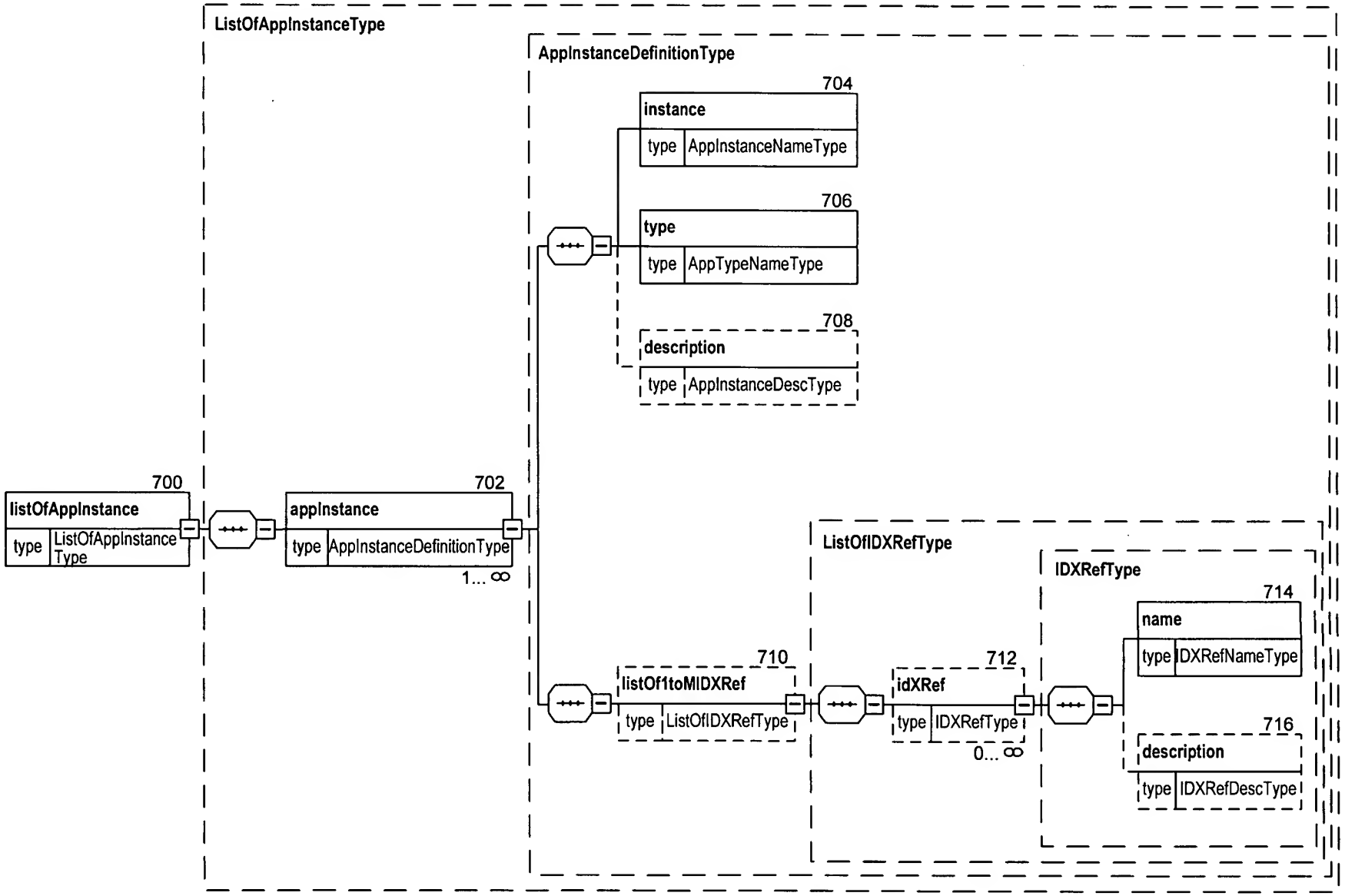
ListOfAppInstanceType
AppInstanceDefinitionType
704
instance
type
AppInstanceNameType
706
type
type
AppTypeNameType
708
description
type
AppInstanceDescType
700
listOfAppInstance
type
ListOfAppInstance Type
702
appInstance
type
AppInstanceDefinitionType
1... ∞
ListOfIDXRefType
IDXRefType
714
name
type
IDXRefNameType
710
listOf1toMIDXRef
type
ListOfIDXRefType
712
idXRef
type
IDXRefType
0... ∞
716
description
type
IDXRefDescType

FIG. 7

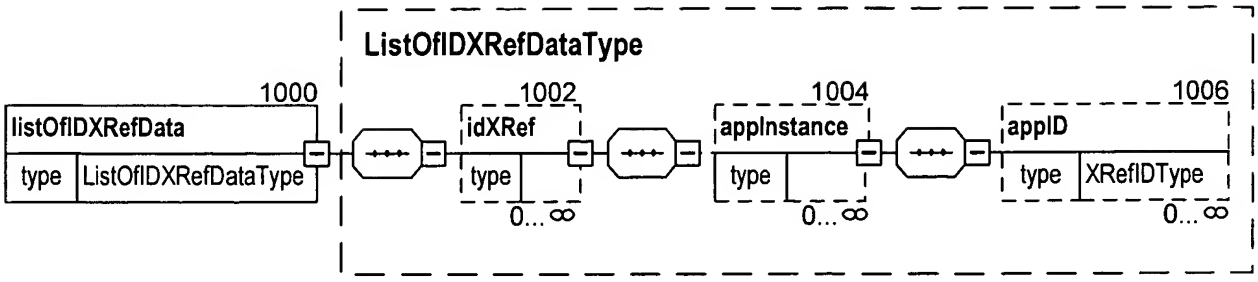

FIG. 10

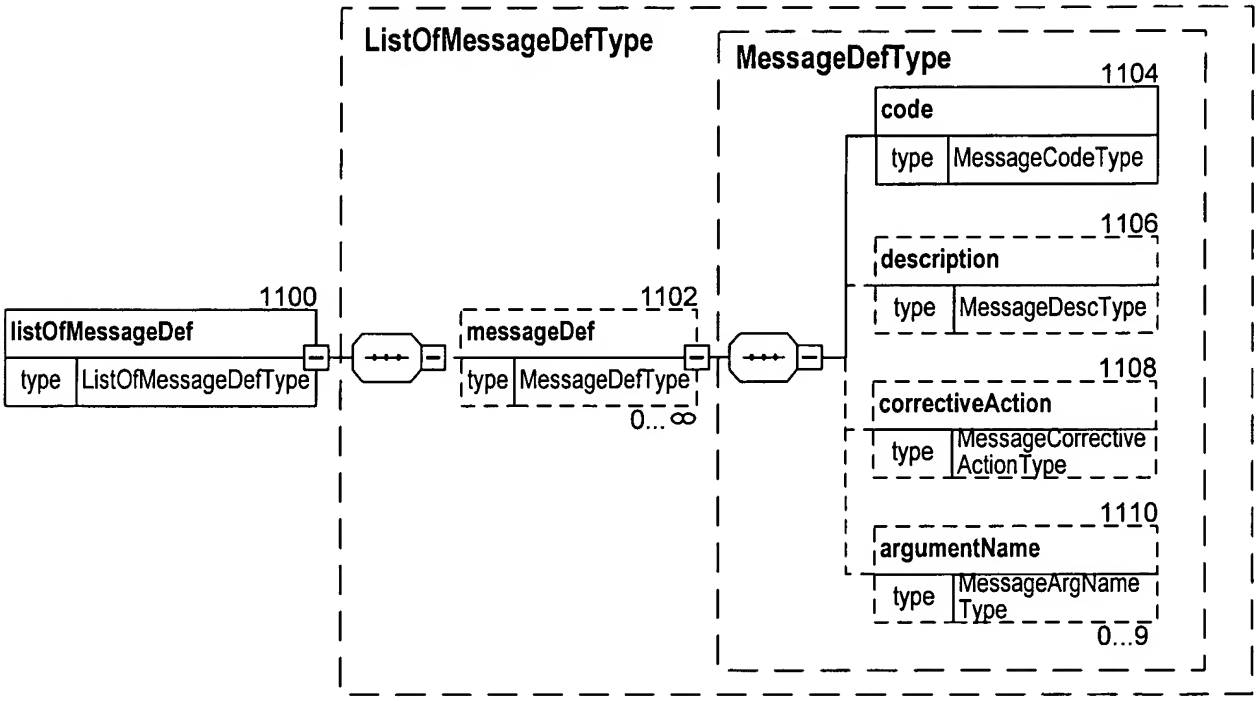

FIG. 11

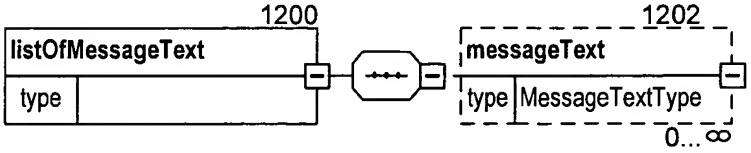

FIG. 12

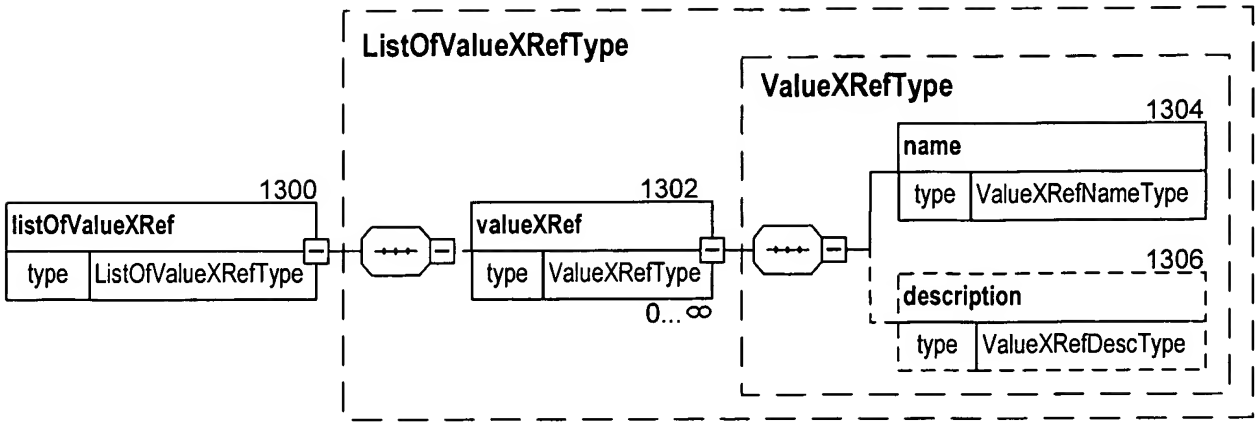

FIG. 13

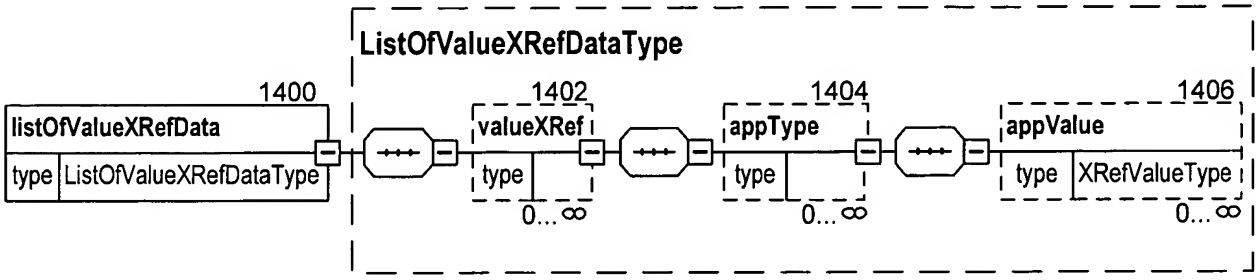

FIG. 14

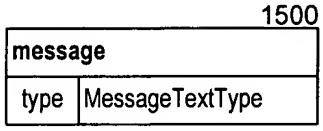

FIG. 15

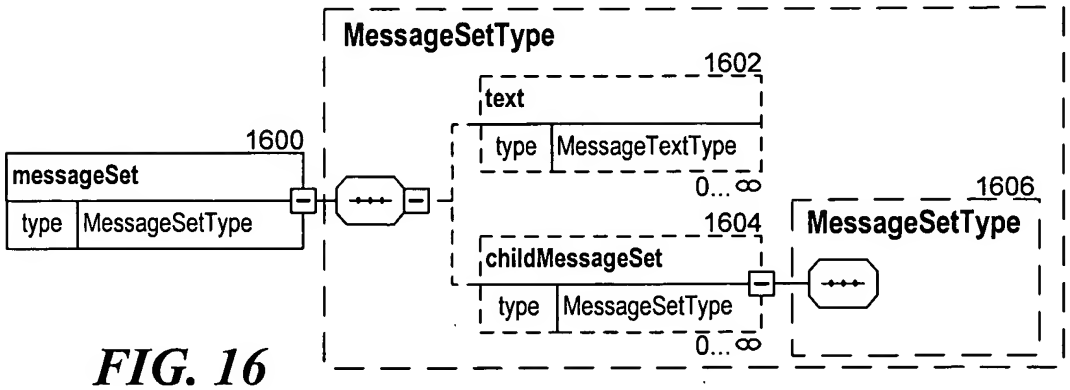

FIG. 16

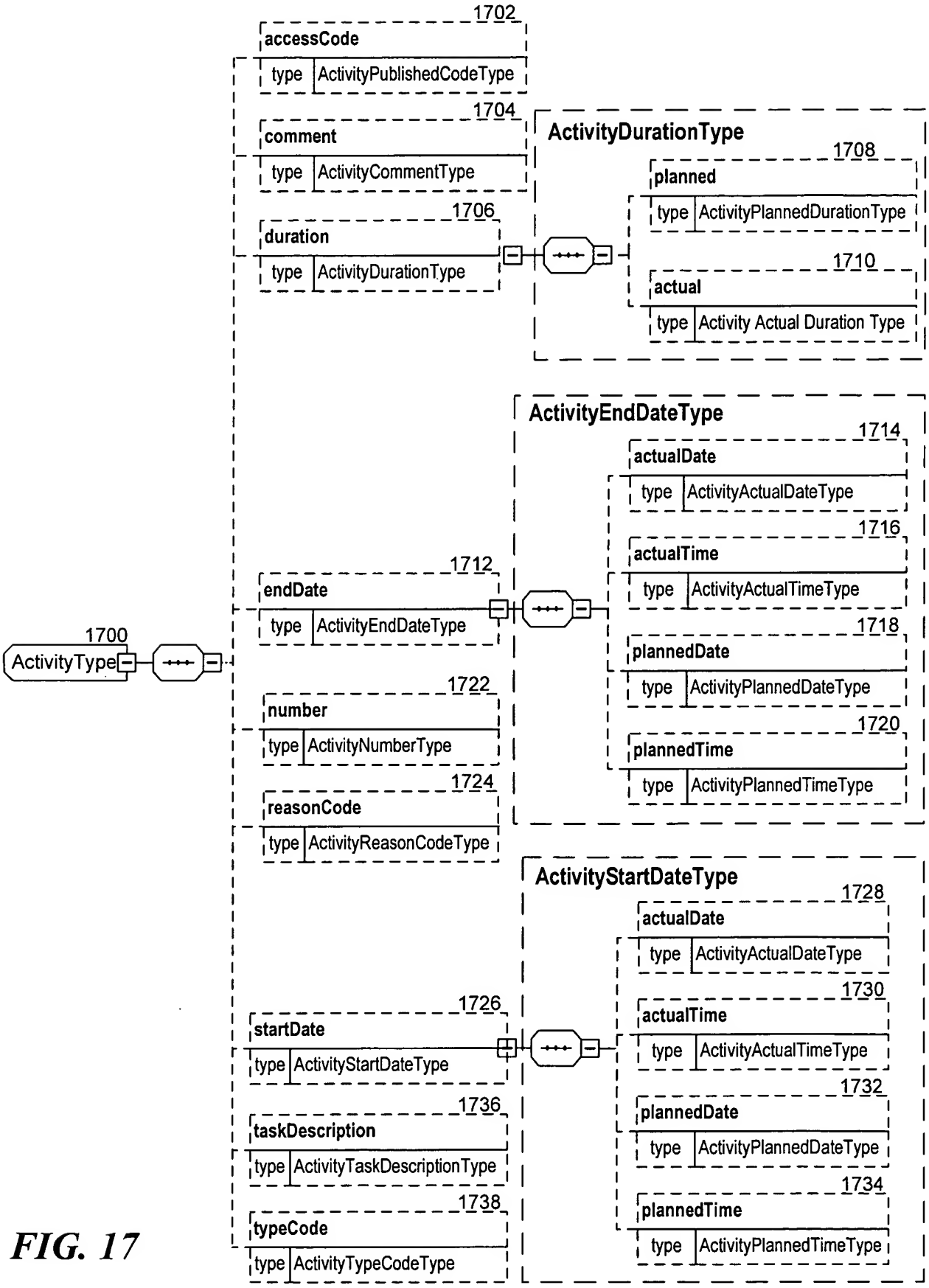
1700
ActivityType
1702
accessCode
type ActivityPublishedCodeType
1704
comment
type ActivityCommentType
1706
duration
type ActivityDurationType
ActivityDurationType
1708
planned
type ActivityPlannedDurationType
1710
actual
type Activity Actual Duration Type
ActivityEndDateType
1714
actualDate
type ActivityActualDateType
1716
actualTime
type ActivityActualTimeType
1718
plannedDate
type ActivityPlannedDateType
1720
plannedTime
type ActivityPlannedTimeType
1712
endDate
type ActivityEndDateType
1722
number
type ActivityNumberType
1724
reasonCode
type ActivityReasonCodeType
ActivityStartDateType
1728
actualDate
type ActivityActualDateType
1730
actualTime
type ActivityActualTimeType
1732
plannedDate
type ActivityPlannedDateType
1734
plannedTime
type ActivityPlannedTimeType
1726
startDate
type ActivityStartDateType
1736
taskDescription
type ActivityTaskDescriptionType
1738
typeCode
type ActivityTypeCodeType

FIG. 17

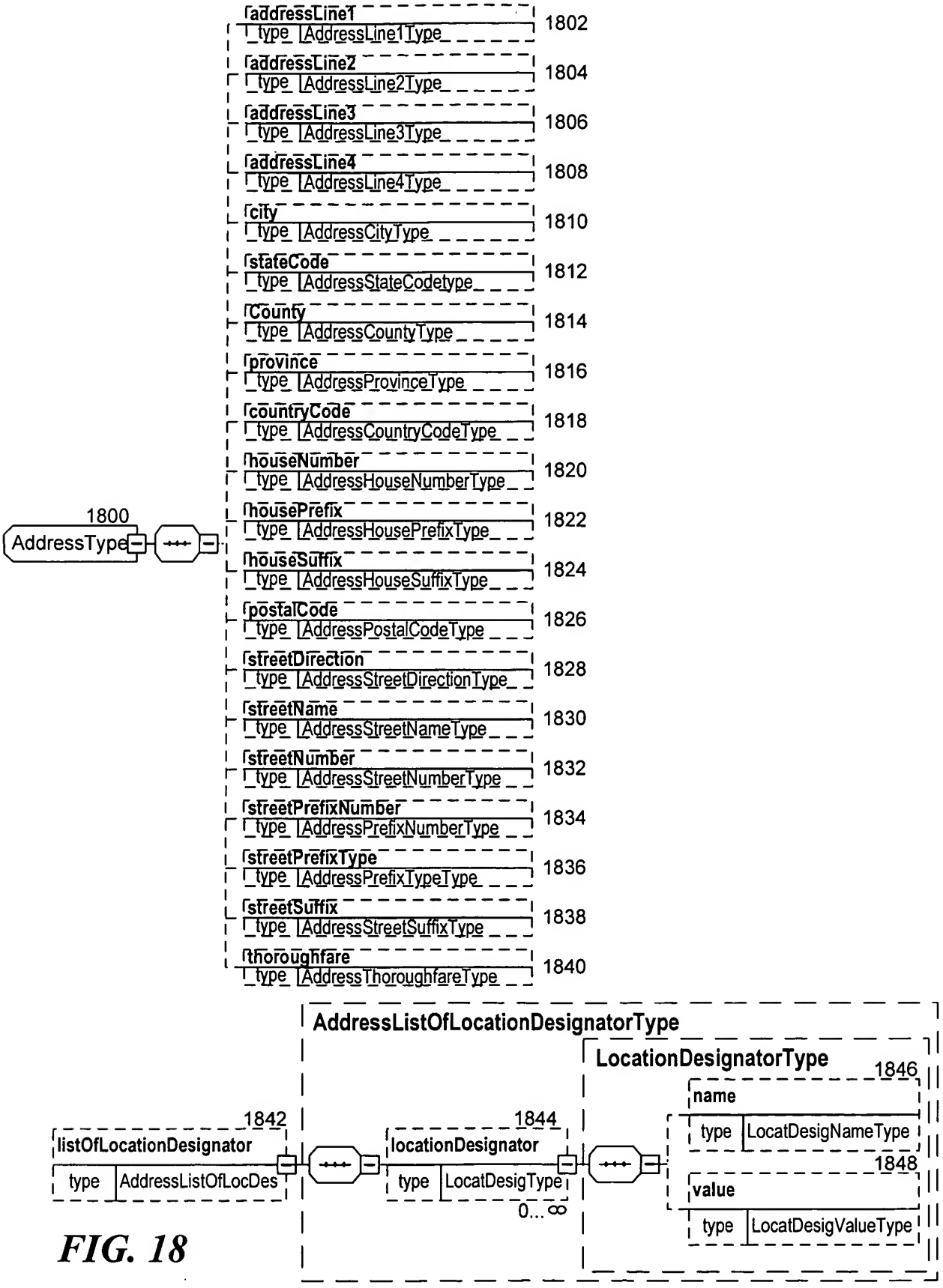
1800
AddressType
addressLine1
type AddressLine1Type
1802
addressLine2
type AddressLine2Type
1804
addressLine3
type AddressLine3Type
1806
addressLine4
type AddressLine4Type
1808
city
type AddressCityType
1810
stateCode
type AddressStateCodetype
1812
County
type AddressCountyType
1814
province
type AddressProvinceType
1816
countryCode
type AddressCountryCodeType
1818
houseNumber
type AddressHouseNumberType
1820
housePrefix
type AddressHousePrefixType
1822
houseSuffix
type AddressHouseSuffixType
1824
postalCode
type AddressPostalCodeType
1826
streetDirection
type AddressStreetDirectionType
1828
streetName
type AddressStreetNameType
1830
streetNumber
type AddressStreetNumberType
1832
streetPrefixNumber
type AddressPrefixNumberType
1834
streetPrefixType
type AddressPrefixTypeType
1836
streetSuffix
type AddressStreetSuffixType
1838
thoroughfare
type AddressThoroughfareType
1840
AddressListOfLocationDesignatorType
LocationDesignatorType
1842
listOfLocationDesignator
type AddressListOfLocDes
1844
locationDesignator
type LocatDesigType
0...∞
1846
name
type LocatDesigNameType
1848
value
type LocatDesigValueType

FIG. 18

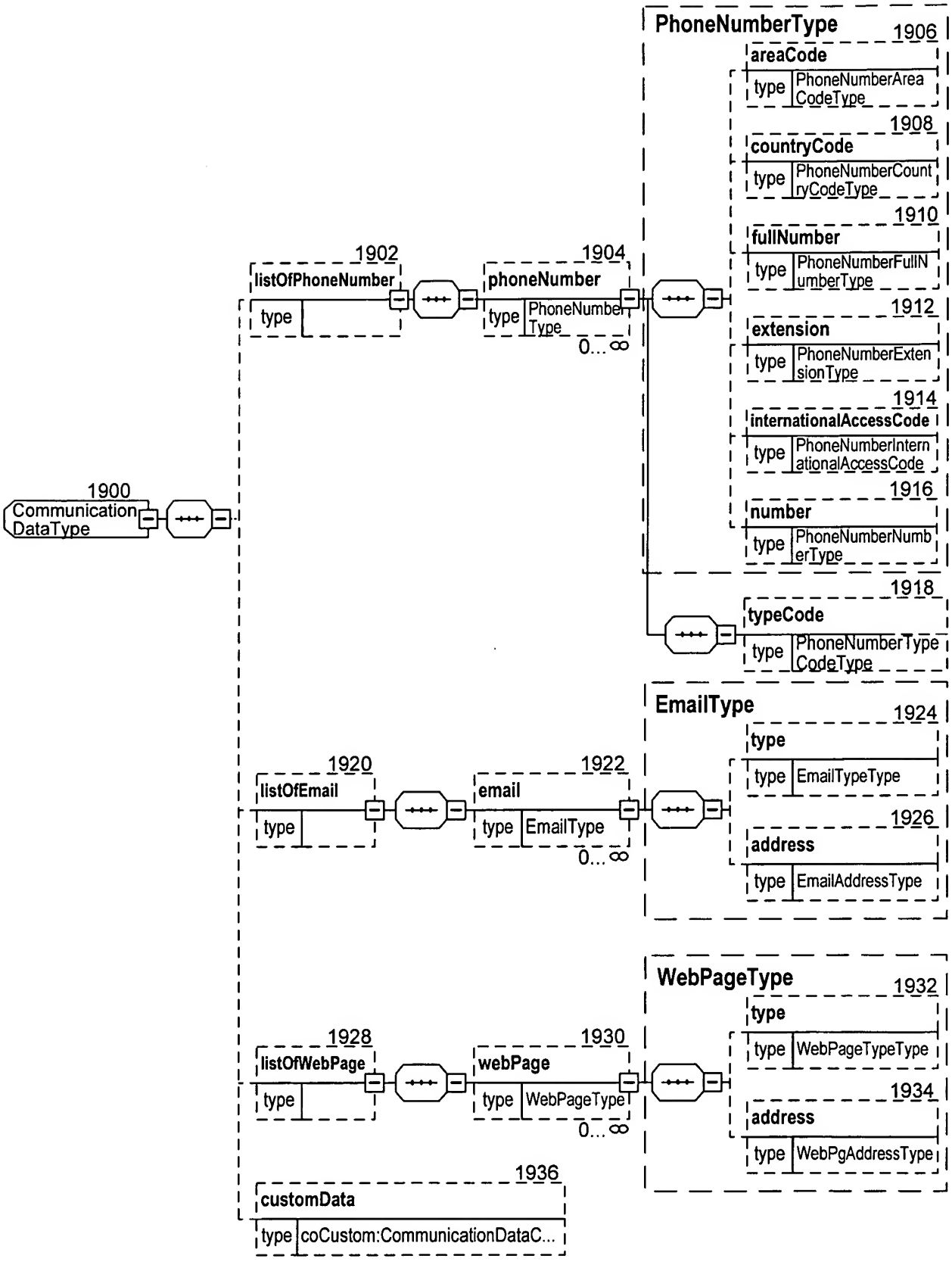
1900
CommunicationDataType
1902
listOfPhoneNumber
type
1904
phoneNumber
type PhoneNumberType
0...∞
PhoneNumberType
1906
areaCode
type PhoneNumberAreaCodeType
1908
countryCode
type PhoneNumberCountryCodeType
1910
fullNumber
type PhoneNumberFullNumberType
1912
extension
type PhoneNumberExtensionType
1914
internationalAccessCode
type PhoneNumberInternationalAccessCode
1916
number
type PhoneNumberNumberType
1918
typeCode
type PhoneNumberTypeCodeType
1920
listOfEmail
type
1922
email
type EmailType
0...∞
EmailType
1924
type
type EmailTypeType
1926
address
type EmailAddressType
1928
listOfWebPage
type
1930
webPage
type WebPageType
0...∞
WebPageType
1932
type
type WebPageTypeType
1934
address
type WebPgAddressType
1936
customData
type coCustom:CommunicationDataC...

FIG. 19

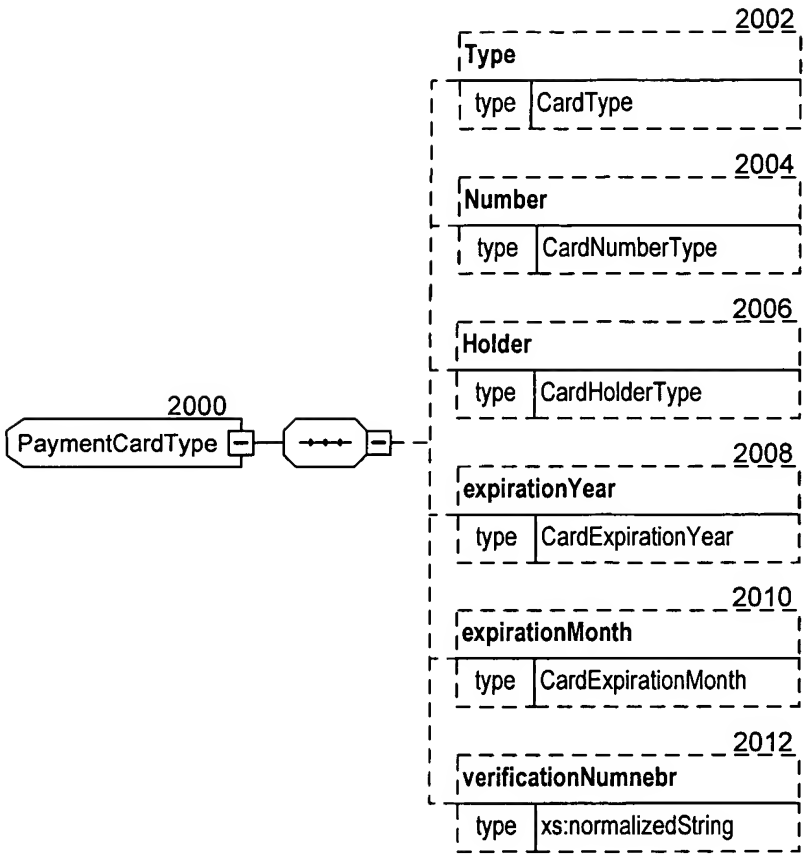
2000
PaymentCardType
2002
Type
type
CardType
2004
Number
type
CardNumberType
2006
Holder
type
CardHolderType
2008
expirationYear
type
CardExpirationYear
2010
expirationMonth
type
CardExpirationMonth
2012
verificationNumnebr
type
xs:normalizedString

FIG. 20

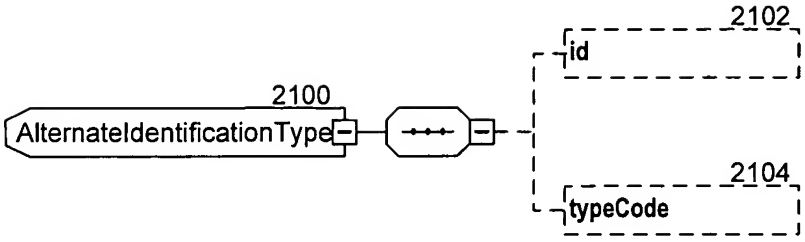
2102
id
2100
AlternateIdentificationType
2104
typeCode

FIG. 21

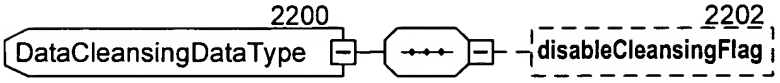
2200
DataCleansingDataType
2202
disableCleansingFlag

FIG. 22